

12-26-00

12/20/00

PTO/SB/xx (6-95)  
OMB 0651-0032

Approved for use through  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside this box → ☐

0002/PTO  
Rev. 6/95

U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket Number

419-01

First Named Inventor

Zhurin

Total Pages in this Submission

53

PTO  
09/746337  
12/20/00

# NEW UTILITY PATENT APPLICATION TRANSMITTAL

(to be used for new applications only)

## APPLICATION ELEMENTS

Notice: Checklist items mentioned under Application Elements section construct a new utility patent application. Please refer to MPEP Sections 506, 601, (37CFR 1.77, 1.53, 35 USC 111, 112, 113) for detailed explanation regarding completeness of an original patent application.

1. ☒ Fee Transmittal Form (prescribed filing fee(s))
2. Specification
  - ☒ Abstract of the Disclosure
  - ☒ Title of the Invention
  - ☒ Cross References to Related Applications (if applicable)
  - ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - ☐ Reference to Microfiche Appendix (if applicable)
  - ☒ Background of the Invention
  - ☒ Brief Summary of the Invention
  - ☒ Brief Description of the Drawings (if drawings filed)
  - ☒ Detailed Description
  - ☒ Claim or Claims
3. ☒ Drawing(s) (when necessary as proscribed by 35 USC 113)
4. ☒ Executed Declaration
5. Genetic Sequence Submission (if applicable, all must be included)
  - ☐ Paper Copy
  - ☐ Computer Readable Copy
  - ☐ Statement Verifying Identical Paper and Computer Readable Copy

## ACCOMPANYING APPLICATION PARTS

6. ☐ Assignment Papers
7. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
8. ☐ Computer Program in Microfiche
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Petition Checklist and Accompanying Petition
12. ☐ Preliminary Amendment
13. ☐ Proprietary Information
14. ☒ Return Receipt Postcard
15. ☒ Small Entity Statement
16. ☐ Additional Enclosures (please identify below):

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name

Dean P. Edmundson

Signature

*Dean P. Edmundson*

Date

December 20, 2000

## FOR OFFICIAL USE ONLY

Application Number		Class		Independent Claims	
Date of Receipt	Application Type	GAU		Total Claims	
	Filing Date	Foreign Filing License?		Drawing Sheets	
	Small Entity	Foreign Address?		Special Handling?	

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231, and to the Office of Information and Regulatory Affairs, Office of Management and Budget (Project 0651-0032), Washington DC 20503. DO NOT SEND FEES OR

[illegible]

Washington, D.C. 20231

Filing fee

(Signature of person mailing paper or fee)

**NOTE:** The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

12/20/00

JC962 U.S. PTO

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0002/PTO  
Rev. 6/95U.S. Department of Commerce  
Patent and Trademark Office

## FEE TRANSMITTAL

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Zhurin
Group Art Unit	
Examiner Name	
Attorney Docket Number	419-01

TOTAL AMOUNT OF PAYMENT (\$ 795.00

## METHOD OF PAYMENT (check one)

1 ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:Deposit  
Account  
NumberDeposit  
Account  
Name☐ Charge Any Additional  
Fee Required Under 37  
CFR 1.16 and 1.17☐ Charge the Issue Fee Set in 37  
CFR 1.18 at the Mailing of the  
Notice of Allowance, 37 CFR  
1.311(b)2 ☒ Payment  
Enclosed:☒ Check☐ Money Order☐ Other

(reserved space)

## FEE CALCULATION (fees effective 1/1/96)

## 1 FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
101 780	201 390	Utility filing	355
106 300	206 150	Design filing fee	
107 540	207 270	Plant filing fee	
108 700	208 390	Reissue filing fee	

SUBTOTAL (1) (\$ 355

## 2 CLAIMS

Total Claims 15 - 20 = 0  $\times$  0 = 0

Independent Claims 14 - 3 = 11  $\times$  40 = 440

Multiple Dependent Claims 0 = 0

## Large Entity Small Entity

Large Entity Fee Code	Small Entity Fee Code	Fee Description
102 78	202 39	Independent claims in excess of 3
103 22	203 11	Claims in excess of 20
104 250	204 125	Multiple dependent claim
109 78	209 39	Reissue independent claims over original patent
110 22	210 11	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 440

## 3 ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105 130	205 65	Surcharge-late filing fee or oath	
139 130	139 130	Non-English specification	
147 2,390	147 2,390	For filing a request for reexamination	
112 870	112 870	Requesting publication of SIR prior to Examiner action	
113 1,740	113 1,740	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for response within first month	
116 380	216 190	Extension for response within second month	
117 900	217 450	Extension for response within third month	
118 1,400	218 700	Extension for response within fourth month	
119 290	219 145	Notice of Appeal	
120 290	220 145	Filing a brief in support of an appeal	
121 250	221 125	Request for oral hearing	
138 1,430	138 1,430	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive unavoidably abandoned application	
141 1,250	241 625	Petition to revive unintentionally abandoned application	
142 1,280	242 640	Utility issue fee (or reissue)	
143 420	243 210	Design issue fee	
144 660	244 330	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
126 220	126 220	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (x no. properties)	
?	220	Protest after application published	
?	1500	Late Claim for priority during pendency	
114 150	214 75	Provisional Application filing	

Other fee (specify)

Other fee (specify)

SUBTOTAL (3) (\$ 0

## SUBMITTED BY

Complete (if applicable)

Typed or  
Printed Name

Dean P. Edmundson

Reg. Number

25723

Signature

Dean P. Edmundson

Date

12/20/2000

Deposit Account  
User ID

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231, and to the Office of Information and Regulatory Affairs, Office of Management and Budget (Project 0651-0032), Washington DC 20503. DO NOT SEND FEES OR COMMENTS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.